INFORMATION DISCLOSURE CITATION (Page 1 of 2)

النس أن سان	OMB N . 0651-0011		
	INFORMATION DISCLOSURE CITATION (Page 1 of 2)		
Atty. Docket No.: UD00±04 (131*206)	Serial No. 09/844,567	The state of the s	
Applicants: Michael STRANO et al.			
Filing Date: 27 April 2001	Group: 1723		

Examiner Initials*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
KM	US 3,615,024	Oct 26, 1971	Michaels	210	490	
1	US 4,451,424	May 29, 1984	Tweedle and Thayer	264	216	
	US 4,919,860	Apr 24, 1990	Schindler, et al.	264	29.1	
	US 4,954,381	Sep 4, 1990	Cabasso and Levy	428	116	
	US 5,480,554	Jan 2, 1996	Degen, et al.	210	651	
	US 5,972,079	Oct 26, 1999	Foley, et al.	96	11	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
RMIX	Zydney and Zeman (1996), Microfiltration and Ultrafiltration – Principles and Applications, Ch. 7 & 9, Marcel Dekker, New York, NY, pp. 350-379, pp.397-437	
>	Foley (1995), Carbogenic Molecular-Sieves – Synthesis, Properties and Applications, Microporous Materials, 4,6, pp. 407-433	
/ ×	Acharya and Strano (1999), Simulation of Nanoporous Carbons: A Chemically Constrained Structure, Phil. Mag. B, 79,10, pp. 1499-1518	
/	Acharya and Raich (1997), Metal-Supported Carbogenic Molecular Sieve Membranes: Synthesis and Applications, Industrial & Engineering Chemistry Research, 36,8, pp. 2924-2930 <	
	Acharya and Foley (1999), Spray-Coating of Nanoporous Carbon Membranes for Air Separation, <u>Journal of Membrane Science</u> , 161, pp. 1-5	
	Shiflett and Foley (1999), Ultrasonic Deposition of High Selectivity Nanoporous Carbon Membranes, Science, 285, 17, pp. 1902-1905	
>	Lafyatis and Tung (1991), Poly(Furfuryl Alcohol)-Derived Carbon Molecular-Sieves—Dependence of Adsorptive Properties On Carbonization Temperature, Time, and Poly(Ethylene Glycol) Additives, <u>Industrial & Engineering Chemistry Research</u> , 30,5, pp. 865-873	
	Mariwala and Foley (1994), Evolution of Ultramicroporous Adsorptive Structure in Poly(Furfuryl Alcohol)-Derived Carbogenic Molecular-Sieves, Industrial & Engineering Chemistry Research, 33, 3, pp. 607-615	
	Strano and Foley (2000), Deconvolution of Permeance through Supported Nanoporous Membranes, <u>AIChE</u> <u>Journal</u> , 46, 3, pp. 651-658 A	
	Carman (1956), Flow of Gases through Porous Media, pp. 50-61	
	Mariwala and Foley (1994), Calculation of Micropore Sizes in Carbogenic Materials From the Methyl-Chloride Adsorption-Isotherm, Industrial & Engineering Chemistry Research, 33,10, pp. 2314-2321 &	
7	Stevens (1999), Cesium/Nanoporous Carbon Composite Materials: Synthesis, Characterization, and Base Catalysis, Ph.D. Thesis, University of Delaware, Chap. 2, pp. 46-92	

Examiner	VXX Munm	Date Considered 9 9
*Examiner:		
Form PTO 1449		Patent and Trademark Office - U.S. Department of Commerce
54144_1.DOC		

INFORMATION DISCLOSURE CITATION (Page 2 of 2)

	₩ UMB NO. UD31-U	1-0011	
27 2001	INFORMATION DISCLOSURE CITATION (Page 2 of 2)		
Atty. Docket No.: UD00-04 (131*206)	Serial No. 09/844,567	44,2	
Applicants: Michael STRANO et al.		1200 C	
Filing Date: 27 April 2001	Group: 1723	1200	

C	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
RM.	Nobrega, Balmann (1989), Transfer of dextran through ultrafiltration membranes: a study of rejection data analyzed by gel permeation chromatography, Journal of Membrane Science, 45, pp. 17-36.
	Granath (1958), Solution properties of branched dextrans. <u>J. Colloid Interface Sci.</u> , 13, pp. 308-328
	Clark and Bansal (1991), Protein Adsorption and Fouling in Ceramic Ultrafiltration Membranes, <u>Journal of Membrane Science</u> , 55, pp. 21-38
	Ho and Zydney (1999), Effect of Membrane Morphology on the Initial Rate of Protein Fouling During Microfiltration, Journal of Membrane Science, 155, pp. 261-275
	Dejmek and Nilsson (1989), Flux-Based Measures of Adsorption to Ultrafiltration Membranes, <u>Journal of Membrane Science</u> , 40, pp. 189-197
	van den Berg and Smolders (1989), The Boundary-Layer Resistance Model for Unstirred Ultrafiltration. A New Approach, Journal of Membrane Science, 40, pp. 149-172
	Rao and Sircar (1996), Performance and pore characterization of nanoporous carbon membranes for gas separation, Journal of Membrane Science, 110, pp.109-118
	Feng, Pan and Ivory (2000) Pressure Swing Permeation: Novel Process for Gas Separation by Membranes, AIChE Journal, Vol. 6, No. 4, pp. 724-733
7	Rao and Sircar (1993) Nanoporous carbon membranes for separation of gas mixtures by selection surface flow, Journal of Membrance Science, 85, pp. 253-264

Examiner	Date Considered 9 9
*Examiner:	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

154144_1.DOC